

Reading Panel Requirements - S/COM--Communications

These requirements supercede those of S/COM dated 20 July 1956.

1. Mission and Functions of S/COM.

The mission and functions of S/COM are to provide economic estimates and reports relative to postal and telecommunications services. To accomplish the mission and functions assigned to S/COM data and information is required relative to the subjects indicated below.

- a. The quantity of postal and telecommunications facilities of a country that is currently in service, being constructed, and planned for the future.
- b. The locations of facilities, the capacity of them, the extent to which they are used and the amount of unused capacity available for war and emergencies or for use in functional systems such as the military, railroads, air services, etc.
- c. The various users of the facilities.
- d. Indication of inadequacies, shortages, defects, delays, etc.
- e. Economic items such as: prices, income, expenditures, investment, labor, production, export, and import of communications equipments relative to these services.

2. Areas of Interest.

S/COM is generally interested in all data and information relative to postal and telecommunications services and the facilities which make these services available within and between all countries and sub-division such as regions, provinces, etc.

- a. Our primary interest relates to the Sino-Soviet Bloc countries: USSR, East Germany, Poland, Czechoslovakia, Hungary, Rumania, Bulgaria, Albania, Communist China, North Korea, and Indochina.

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3. Topical Class-Listings of Identification  
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Reports, documents, intelligence publications, official statistics, extracts, etc. which contain data and information pertaining to the Ministry of Communications (MINSVYAZ) or applicable organizations responsible for postal and telecommunications and relative to the various media, services, operations and usages, and facilities are requested for Retention by S/COM.

The communications media listed under A are employed for the types of communications listed under B to serve the usages and operations listed under C, below. Combinations of types of service may be, and are, carried on over combinations of media. The reading panel requirements listed below apply to the appropriate communications media, services, operations and usages, in various combinations.

<u>A</u> <u>Media</u>	<u>B</u> <u>Services</u>	<u>C</u> <u>Operations and Usages</u>
Wire	Telegraph	Basic, civil system (wirelines and radio)
Radio	Telephone	Maritime, including navigation aids
VLF	Facsimile	Aviation, including navigation aids
LF	Broadcasting	Air Defense
MF	Aural	Railroads
HF	Television	Meteorological
VHF-UHF	Teleprinter	Other industrial systems
Scatter	Teletype	ex. Mining. Geological
Ionospheric		Para-military
Tropospheric	Teletypewriter	Other, including
	Telautograph	Broadcasting
	Telephoto	Television
		Police
		Amateur
		Diplomatic
		Clandestine
		Guided Missiles

The following words are identifying of postal and telecommunications media, services, operations, usages, and facilities:

a. Postal (all matters)

b. Telecommunications

(1) Radio:

Antenna  
Antenna farm  
Antenna field  
Decimeter (microwave)

Frequencies:

Low (LF)  
Very Low (VLF)  
Medium (MF)  
High (HF)  
Ultra High (UHF)  
Super High (SHF)  
Very High (VHF)

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Amplitude Modulation (AM)  
Microwave (decimeter)  
Radio Relay station (center)  
End Station  
Point-to-Point  
Radiobroadcasting  
Aural  
Broadcasting  
Receiver  
Relay Center  
Station  
Radio listening point  
Radio relay center  
Radiofication  
Radio towers  
Receiver  
Scatter  
Television (TV)  
Receiver  
Relay station (center)  
Station  
Transmitter  
Towers  
Wire diffusion

(2) Wire

Booster Points (Repeater stations)  
Cable (aerial, underground)  
Coaxial (aerial, underground)  
Submarine Cable  
Landlines  
Pole line  
Wireline

(3) Systems, Nets, Links, and Installations

Aeronautical (aviation), including navigational aids  
Air Defense (civil, early warning, military)\*  
Amateur  
Basic, civil system (wireline and radio)  
Border Guard  
Broadcasting  
Civil  
Clandestine  
Diplomatic  
Direction finding (D/F)  
Geological  
Guided Missiles  
International

\* Under the subject of Air Defense, reports, etc. including the following are requested: Radar-Order Battle, Radio and wireline systems and nets of the Air Defense system, including maps and summary reports.

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Maritime, including navigational aids  
Meteorological  
Military and para-military  
Mining  
MVD  
Navigation, including navigational aids  
North Sea Route  
Para-military  
Police and sea-police  
Power lines  
Radio telegraph (wireless) (W/T)  
Tonal telegraph (T/T)  
Radio telephone (R/T)  
Railroads  
River Systems  
Television  
Wireless telegraph (radio) (W/T)

- (4) Other terms and most important economic considerations relative to postal and telecommunications. (Partial and aggregates.)

Organization, table of (Chain of Command)  
Operation  
Control  
Plans  
Plan fulfillments (results)  
Construction  
Investments (capital inputs), value and/or volume  
Revenues  
Expenses  
Rates  
Schedules  
Manpower  
Labor force  
Personnel  
Wages (in dollars and/or some form of currency)  
Prices  
Education  
Training programs (intra-Bloc, non-Bloc)  
Finance  
Reports  
Balance Sheets  
Budgetary Allocations

- (5) Equipment and materials  
Requests for and receipt of shipments  
Exports and imports  
Complaints  
Shortages  
Defects  
Consumption  
Copper  
Copper-wire

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- (6) Treaties, negotiations
  - International
  - Bloc countries
  - Non-Bloc countries

- (7) Security
  - Regulations
  - Methods of enforcement
  - Failures (Breach of Security)

4. Listing of Source Publications:

Weekly Accessions List  
CIA Acquisition List for Maps of Foreign Areas  
State, Bulletin  
American Consulate, Hong Kong - Survey of China Mainland Press  
American Consulate, Hong Kong - Current Background  
Commerce, Foreign Commerce Weekly  
American Consulate, Hong Kong - Review of Hong Kong Chinese Press  
OCR Intelligence Publications Index  
Army Intelligence Review  
Army National Defense Review  
Navy ONI Review  
Navy ONI Review (SECRET Supplement)  
State, Selections From the Soviet Press  
State, Soviet Affairs

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Armed Services Technical Information Agency - Title Announcement  
Bulletin

CIA FDD

Military Report on Eastern Europe  
Report on USSR Production of Industrial Equipment  
Science News Items  
Scientific Information Report  
Semiannual Report on Retail Trade in USSR  
Soviet Military Information Report  
Survey of the Soviet Press  
Summary, Eastern Europe  
Summary, USSR  
Transportation, Communications, and Electric Power in USSR (2 copies)  
Weekly Information Report on Communist China  
Weekly Information Report on Eastern Europe  
Air Proving Grounds - Monthly Projects Report  
CIA - Plan Fulfillment  
Joint Press - Polish Press Summaries  
USAF - Radar Order of Battle  
Joint Press - Rumanian Press Review  
BBC - Summary of World Broadcasts, Part V (Far East)  
Army SCIA - Technical and Tactical Training Aid

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In addition to the above, it is requested that all publications of the Army Signal Intelligence Agency be routed to the Branch and that the Signal Technical Intelligence Studies be routed to the Branch for retention.

5. For Routing to S/COM for Information Only -- Not Retention

Production of communications equipment.  
Technical aspects of communications equipment.  
Exports and imports (intra-Bloc, Non-Bloc).

6. Branch Personnel to be Contacted for Additional Clarifications

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